



Anti-CMV PP65 polyclonal antibody (CABT-B8935)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of CMV PP65 protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Virus
Purification	Protein A affinity chromatography.
Conjugate	Unconjugated
Applications	ELISA, WB, IHC
Format	Liquid
Size	100 µg
Buffer	PBS pH7.4, 25% glycerol, 0.1 mg/ml BSA with 0.09% sodium azide
Preservative	0.09% Sodium Azide
Storage	Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

BACKGROUND

Introduction	Cytomegalovirus (CMV) is a member of the Herpes virus family. Members of this family have a characteristic virion structure. The double stranded DNA genome is contained within an
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icosahedral capsid which is embedded in a proteinaceous layer (tegument) and surrounded by a lipid envelope that is decorated with virus-specific glycoprotein spikes. The viral genes are coordinately expressed in groups at various times after infection. Early viral proteins are expressed in the nucleus of infected cells within 3 to 35 hours of infection prior to the commencement of viral DNA replication. This is followed by expression of the early intermediate genes, which encode enzymes required for viral DNA replication. After 48 to 72 hours, a number of late viral antigens may be demonstrated in the nuclei and cytoplasm of infected cells.
